

Bad Dog Tools / Joseph A. Thomas, Ltd.

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DECLARATION

I, JOSEPH M. STRONG, hereby declare that I am the inventor of the invention set forth in application Serial No. 10,757,945 in which U.S. Patent No. 4,748,744 (Turner) was cited in a rejection of the claims therein. I am familiar with the Turner patent as Turner's U.S. Licensee under such patent (Rodman & Co.) and Patrick Lang a part owner of the Turner patent initiated patent related litigation against me and my company Joseph A. Thomas Ltd. in the U.S. District Court of Rhode Island (00-611 ML). As a consequence of such litigation (now settled) and during the discovery phases thereof, I conferred with many people both in the U.S. and the U.K. about the Turner device and similar devices as to their operation, historical construction progression, their strong points and their weaknesses.

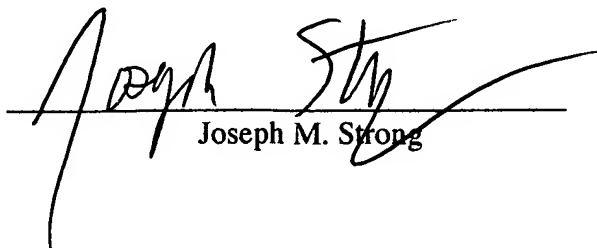
Part of what I discovered was that the Turner device that was in production in the U.K. and later imported into the U.S. did not include a circumferential groove in the body by which a set screw fixedly attached the die head thereto, but rather a series of four radially equally spaced bores such that the head could be positioned in four different positions with respect to the body. A product use insert is attached which insert clearly indicates that the die is fixedly positioned with respect to the body (see OPERATING INSTRUCTION) where it states that a position is selected then the screw is used to lock such position. Said screw, when loosened even slightly, causes the head to loosen thus rendering the tool inoperable.

Also during such discussions as well due to my on going business at trade shows in the United States where they are admirable demonstrable, I was made aware that a limitation of all these nibblers was their inability to work in tight quarters in that the body along with the entire hand drill had to turn in conjunction with the head, and it was to solve this well known problem that I devised the subject invention.

That solution is embodied in my above referred to patent application. Thus it is my belief that I solved a long known problem of these nibblers that was recognized by prior art manufacturers and sales people but who did nothing to solve the problem. Only well after I introduced a steerable head nibbler, and only after such met with sales acceptance did others include references to such in their trade show demonstrations (yet their product literature both printed and web-based video contains no reference or instruction regarding such). This is what in my mind is solving a long felt need in a unique and unobvious manner – one which I believe is worthy of patent protection.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

July 7, 2006
Date



Joseph M. Strong

OPERATING INSTRUCTIONS

Select desired position of die by slackening die screw. Turn die and re-lock screw. Allen key 3mm A/F supplied.

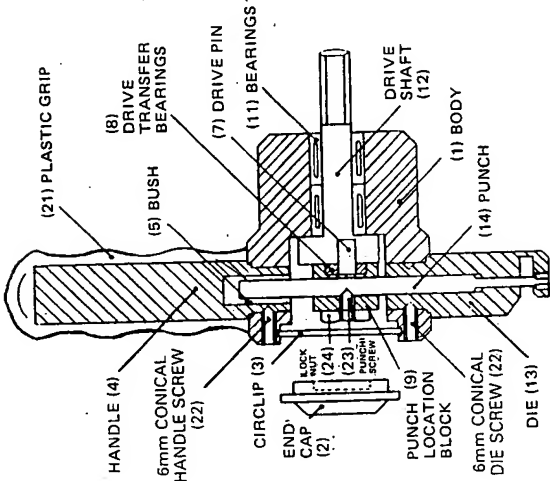
Keep a smear of oil applied to cutting edges of tool and along path of cut on material. This is important with Aluminium.
Drill must be started *before* cutting commences, and drill *must be in motion* when withdrawn from cut.

MAINTENANCE

When cutting edges of punch(14) and die(13) eventually show signs of wear we recommend you renew both at the same time.

To change punch(14) and die(13)

1. Slacken die screw(22) and withdraw die.
2. Remove circlip(3) and end cap(2). Circlip can be hooked out with a small screwdriver.
3. Slacken punch location block screw(23) and withdraw punch.
4. With punch location block(9) in position in body(1), make sure that the hexagon bearing(8) is located on the drive shaft pin(7), and that this bearing is in turn located correctly in the channel of the punch location block(9).
5. Insert punch through die aperture in body, through punch location block into bronze bush(5). *Reverse procedure but making sure that the punch holding screw point locates into dimple of punch* to ensure correct operation, then lock screw and tighten locknut.
6. Repack with general purpose bearing grease.



SPARES:
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Telex: 935 076
Fax: 081-656 7933

Please return this card without delay to:

Name of Purchaser
Address inc. Post Code
Product Purchased
Date of Purchase
Supplier/Location
How did you learn of this product?
Would you like information sent as new products become available YES/NO

This Equipment is guaranteed for TWELVE MONTHS from date of purchase, in respect of both Materials and Workmanship, except for consumable items, e.g. the Punch and Die. Such guarantee will be void if the equipment has been overloaded or in any way misused.

Turner (Precision Engineering)
Guarantee Registration

SPECIFICATIONS

Power Source Any power drill, electric or air, with keyed chuck of 8mm (5/16") capacity with speed range 1,500 to 3,000 RPM.

Cut Width 4mm

Max recommended gauges Mild Steel 1.6mm (16 S.W.G.).

Brass/Aluminium/Plastic 2.00mm (14 S.W.G.).

Stainless Steel max 1.0mm (20 S.W.G.).
We recommend a separate punch be kept specifically for this material as the extra wear caused by this hard steel can prematurely affect the Nibbler's overall performance on other materials.

U.S.A. Patent No. 4,748,744 U.K. Patent No. GB 2260925
European Patent No. 0208493
Design and specification subject to change without notice.

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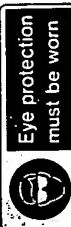
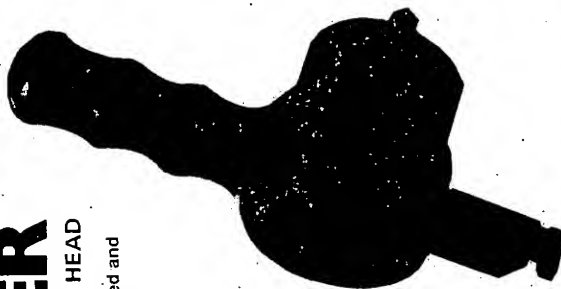


THE TURNER

NIBBLER

SHEET METAL CUTTING HEAD

- Cuts sheet material, corrugated and rounded tubular sections etc. in straight lines and curves with radius as small as 12mm ($1/2"$).
- Indexable Cutting head – adjusts for different applications through 360° quickly and without dismantling!
- Cuts cleanly without distortion. No more jagged edges.
- **ALL SPARE PARTS READILY AVAILABLE EX-STOCK.**



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